

END-OF-ROADWAY INSTALLATION

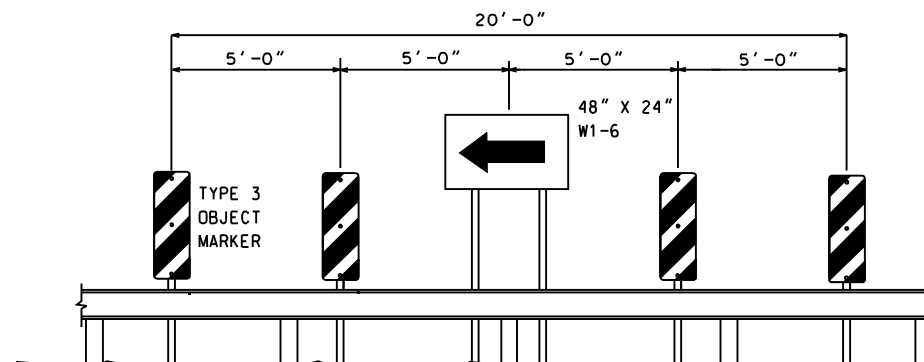
DEAD END ROAD INSTALLATION

(TYPE A - WITH GUARD RAIL, TYPE D - WITHOUT GUARD RAIL)

For End of Road installation Object Marker stripes shall slope downward toward the center.

Guard Rail to be installed in accordance with guard rail Standard Plans.

Typical installation requires 25 ft of rail with flared end sections.



TURN INSTALLATION

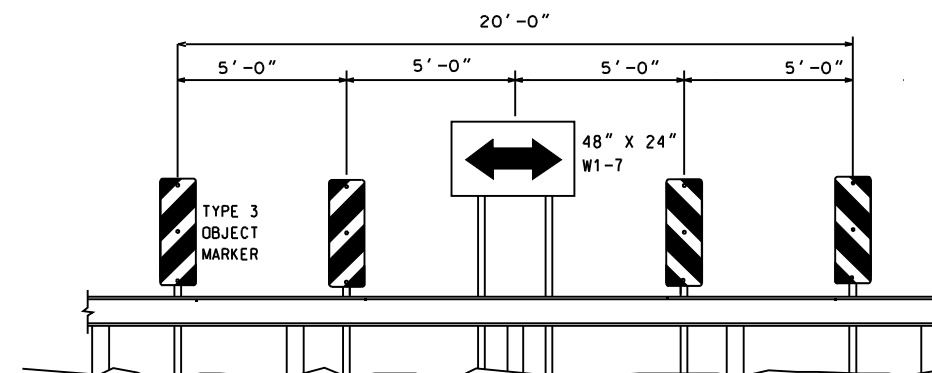
DEAD END ROAD INSTALLATION

(TYPE B - WITH GUARD RAIL, TYPE C - WITHOUT GUARD RAIL)

For Turn installations Object Marker stripes shall slope downward toward the direction of travel.

Guard rail to be installed in accordance with guard rail Standard Plans.

Typical installation requires 25 feet of rail with flared end sections.



T-INTERSECTION INSTALLATION

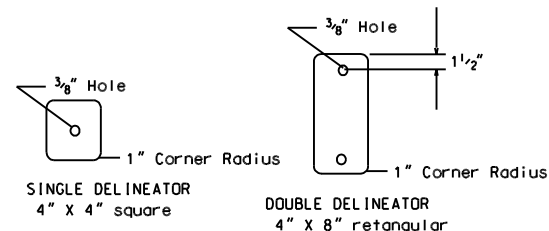
DEAD END ROAD INSTALLATION

(TYPE B - WITH GUARD RAIL, TYPE C - WITHOUT GUARD RAIL)

For T-intersection installations Object Marker stripes shall slope away from center.

Guard rail to be installed in accordance with guard rail Standard Plans.

Typical installation requires 25 feet of rail with flared end sections.



DETAIL OF DELINEATORS

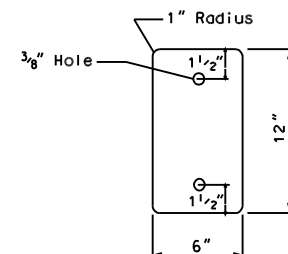
Colors shall be red, white, or yellow.

The sheeting shall be in accordance with DOTD Standard Specification

For alternate Delineator/Flexible Post systems see the DOTD Qualified Products List. Alternates shall have an equivalent area of sheeting and shall not be less than 3 in. wide.

The mounting height shall be the same as for Milepost Markers.

Post penetration in ground shall be a minimum of 2 ft.

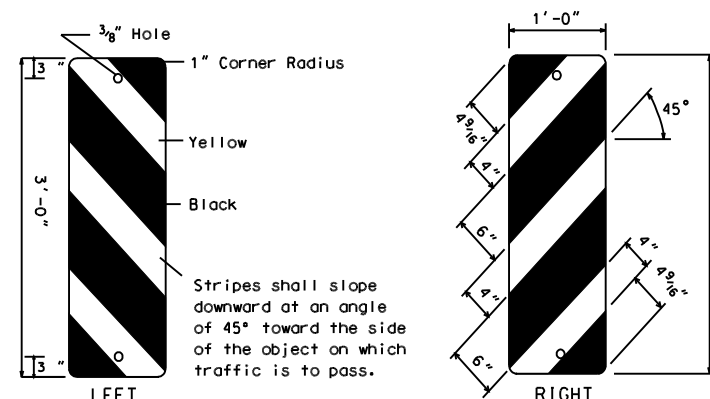


DETAIL OF TYPE 2 OBJECT MARKER

The face shall be yellow. The sheeting shall be in accordance with DOTD Standard Specification. The typical mounting height from the ground line to the bottom of the object marker shall be 36 in.

Post penetration in ground shall be a minimum of 2 ft.

Type 2 Object Markers are typically used in the right-of-way to mark objects for mowing operations.



DETAIL OF TYPE 3 OBJECT MARKER

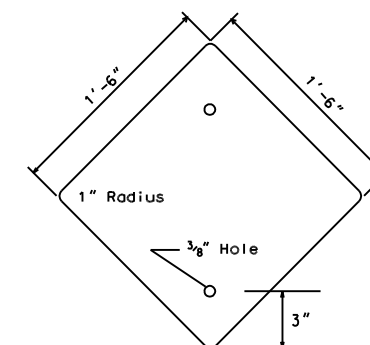
The markings on the Object Markers shall be diagonal, black and yellow stripes. The sheeting shall be in accordance with DOTD Standard Specifications.

Post penetration in ground shall be a minimum of 3 ft.

Type 3 Object Markers are typically used to mark objects in the roadway (travel lanes and shoulder) and to mark guard rail installation (see guard rail Standard Plans).

When used for marking objects in the roadway or objects that are 8 ft or less from the shoulder or curb, the mounting height to the bottom of the object marker should be at least 4 ft above the surface of the nearest traffic lane.

When used to mark objects more than 8 ft from the shoulder or curb, the mounting height to the bottom of the object marker should be at least 4 ft above the ground.



DETAIL OF END OF ROAD MARKER

Colors shall be red.

The sheeting shall be in accordance with DOTD Standard Specification.

The minimum mounting height from the ground line to the bottom of the marker shall be 5 ft.

Post penetration in ground shall be a minimum of 3 ft.

MILEPOST FACE DIMENSIONS

LOCATION	NUMERALS	A	B	C	D	E	F	BORDER WIDTH
CONVENTIONAL ROADS	1	18"						
	2	27"	10"	4"	6"	2.5"	3"	0.5"
	3	36"						
EXPRESSWAYS & FREEWAYS	1	24"				3.5"		
	2	36"	12"	4"	10"	3"	3"	0.5"
	3	48"				2.5"		
1/10 Mile Markers	2	12"				1.25"	1.5"	
	3	18"	6"	N/A	4"	1.5"	1.5"	N/A
	4	24"				1.75"	1.5"	

DETAIL OF MILEPOST MARKER

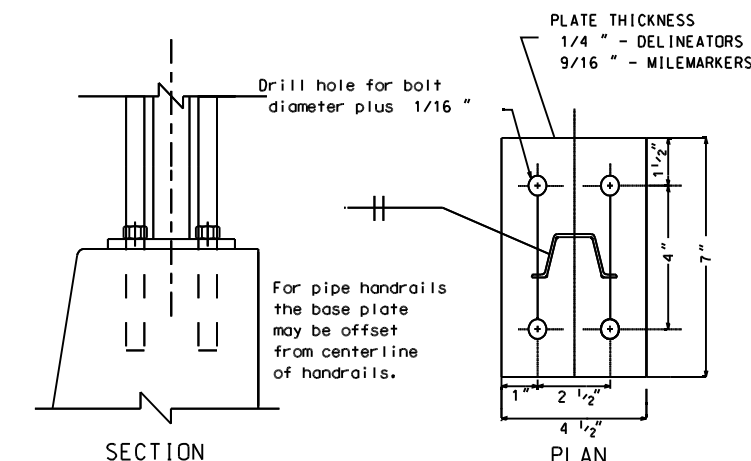
Dimension of Milepost Markers shall be in accordance with the dimensions given in the above table.

The Milepost Markers shall be green with a white legend and border.

The sheeting shall be in accordance with DOTD Standard Specification

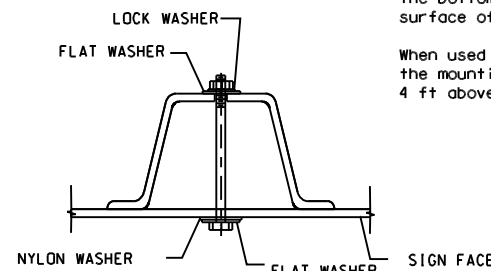
The typical mounting height to the bottom of the marker should be 4 ft above the road surface when installed 8 ft or less from the edge of the travel lane, and 4 ft above the ground when installed more than 8 ft from the travel lane.

Post penetration in ground shall be a minimum of 3ft.



Anchor Bolts
1/4 " plate - 5/16 " x 4" bolt
9/16 " plate - 1/2 " x 5" bolt
For bolt anchors see DOTD Qualified Product List.

DETAIL FOR MOUNTING SIGN POST TO CONCRETE BARRIER RAIL



Steel U-channel sign post shall have 3/8" dia. holes drilled in channel on 1in. centers from top of post.

Post Weight: 2.0 lbs/ft - DELINEATORS and TYPE 2 OBJECT MARKERS
2.5 lbs/ft - MILEMARKERS and TYPE 3 OBJECT MARKERS
3.0 lbs/ft - WARNING SIGNS, W1-6, W1-7

Fasteners shall be either bolts or rivets.

Bolts shall be 5/16 in. diameter electroplated steel hex head bolts with one nylon washer, two flat washers, one lock washer, and one vandal resistant hex nut.

Rivets shall be vandal resistant 1/4 in. diameter aluminum blind rivets with smooth, low profile heads on each end.

DETAIL FOR MOUNTING SIGN TO U-CHANNEL POST

MOUNTING DETAILS

SHEET NUMBER		PARISH		FEDERAL PROJECT		STATE PROJECT	
OBJECT MARKERS, MILEPOST AND DEAD END ROAD INSTALLATIONS		STANDARD PLAN		HS-03			
DESIGNED		CHECKED		DATE		SHEET	
P. Allain		C. Adams		J. Colvin		P. Allain	
11/03/05		11/03/05		11/03/05		11/03/05	
NO.		DATE		DATE		DATE	
1		01/03/05		01/03/05		01/03/05	
APPROVED		REVISION DESCRIPTION		ORIGINAL SIGNED BY CHIEF ENGINEER			
DATE		DATE		DATE		DATE	
01/03/05		01/03/05		01/03/05		01/03/05	